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solium, and the commoner occurrence of *T. mediocanellata*, with some account of the specific differences which he had observed.

Proceedings of the Sections of the Academy:—Microscopical and Biological, Nov. 4.—Mr. J. A. Ryder remarked "On the Gemmule vs. the Plastidule as the Ultimate Physical Unit of Living Matter."

Nov. 18.—Dr. J. G. Hunt, on the classification of Fungi and the best modes for their microscopical study. Mr. Jos. Zentmayer exhibited a new mechanical revolving stage, which admitted of 70° of obliquity of illumination.

Dec. 2.—Dr. H. C. McCook made a communication "On the minute anatomy of the stinging organs of ants."

BOSTON SOCIETY OF NATURAL HISTORY, Nov. 20.—Dr. David Hunt make a communication entitled Darwinism and the Human Eye; Dr. C. S. Minot remarked on growth as a function of cells.

Dec. 4.—Dr. S. Kneeland remarked on traces of the Mediterranean nations in the Northern Ocean. Mr. S. H. Scudder read a paper on early types of insects, or the origin and succession of insect life in palæozoic times.

AMERICAN GEOGRAPHICAL SOCIETY, Dec. 12.—Mr. James Douglas, Jr., gave an account of his journey along the West Coast of South America from Panama to Valparaiso.

APPALACHIAN MOUNTAIN CLUB.—Prof. H. F. Walling gave some account of Mt. Toby, Mass., and Mr. W. H. Pickering described an ascent of the Half Dome, Yosemite.

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SELECTED ARTICLES IN SCIENTIFIC JOURNALS.

AMERICAN JOURNAL OF SCIENCE AND ARTS.—December, 1878. Valley of the Minnesota river and of the Mississippi river to the junction of the Ohio: its origin considered, by G. K. Warren (with eight plates). On some points in lithology, J. D. Dana. Anatomical peculiarity by which crania of the Mound-builders may be distinguished from those of the modern Indians, by W. J. McGee. Discoveries in western caves, by H. C. Hovey.

SIEBOLD AND KOLLIKER'S ZEITSCHRIFT FÜR WISSENSCHAFTLICHE ZOOLOGIE.—November 11. On the convolutions of the brain of the Ungulates, by J. Krug. Contributions to the anatomy of the Ophiurans, by Prof. H. Ludwig. On some cases of parasitism in the Infusoria, by J. Van Rees. On the developmental history of the fresh-water mussels, by C. Schierholz.

ANNALES DES SCIENCES NATURELLES.—August 5. Anatomical and physiological researches on respiration in the fishes, by M. Jobert. Experiments on the conditions of development of *Ligulæ*, by M. Deschamp.